

Test report

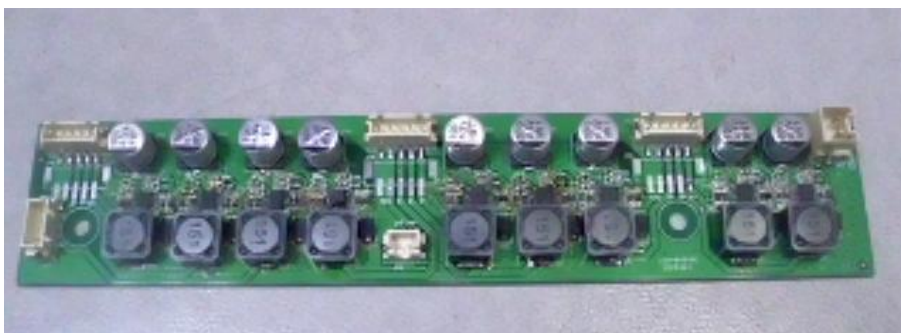
Test items	High temperature aging test of SP-F620 new driver board
Test object	SP-F620 new driver board
Purpose of detection	Whether there will be abnormalities in high temperature aging
Test time	From 2015-8-31 to 2015-9-7

Testing instrument: thermometer, thermostat, ammeter, multimeter

Experimental methods and steps:

1. Prepare 3 SP-F620 lamp boards, 3 strip wires and heat dissipation boards;
2. After connecting the light board and the drive board, and making sure that the light board can be lit, put the drive board into the constant temperature box and turn on the electricity;
3. Set the temperature in the thermostatic box to 75 ° C, and use the thermometer to monitor the temperature, adjust the temperature at any time, so that it is maintained at about 75 ° C;
4. The aging time is 7 days;

Test data:



SP-F620 new drive

In aging:



1. Test the current of a set of lamps to 0.56A;

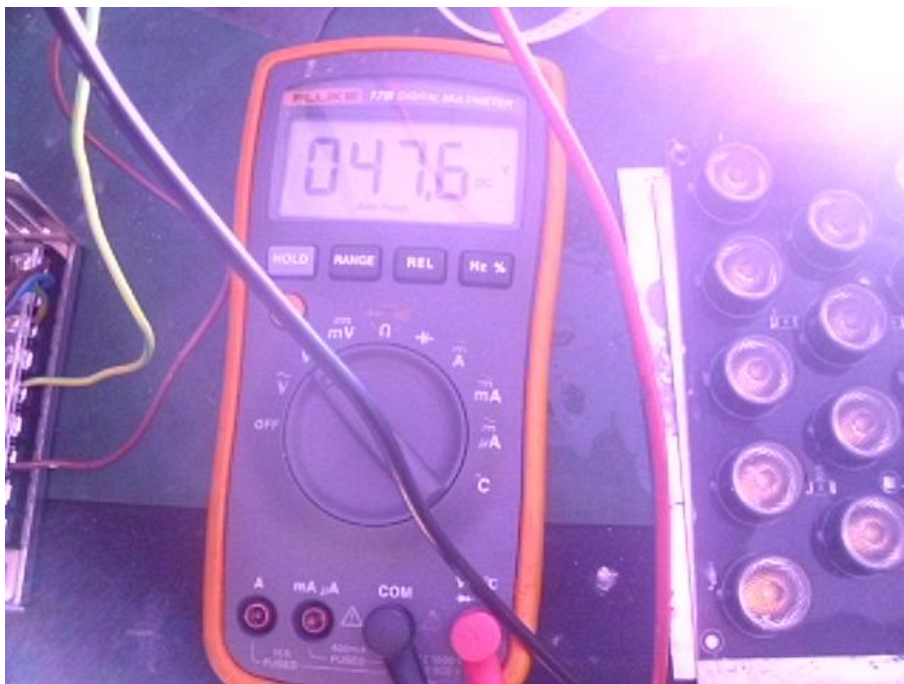
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审核人：范毛平

日期：2015-9-7



2. The temperature of the test incubator is 75.6°C;

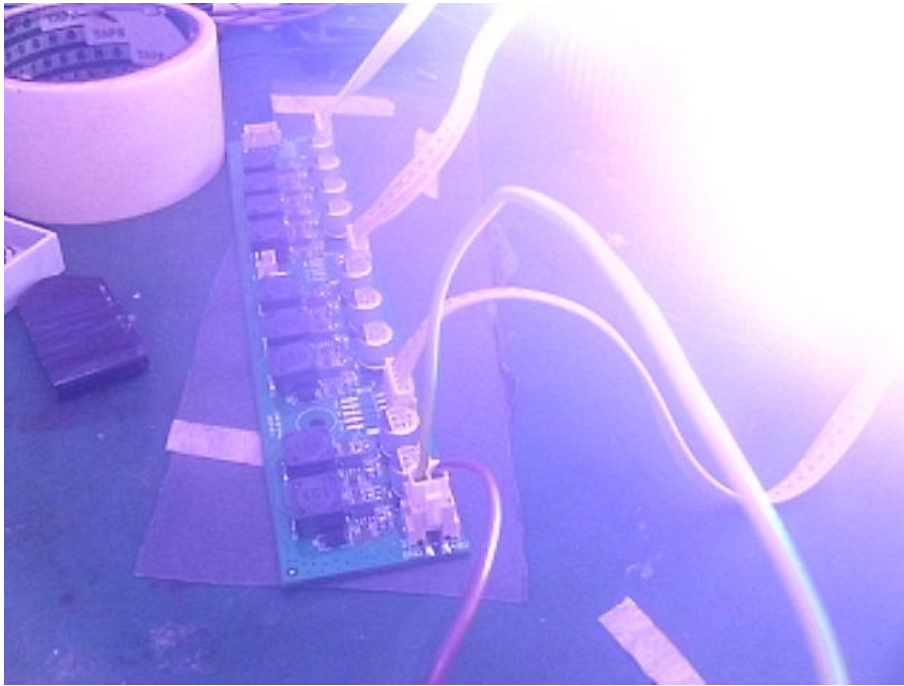


3. Test input voltage is 47.6V;

After the test:



1. The electronic components on the drive board are not abnormal;



2. Power again can normally light the lamp board, the input voltage is 47.6V, the current of a group of lights is 0.56A;

Test results:

SP-F620 driver board no abnormality after 7 days of high temperature aging, the test input voltage before and after aging are 47.6V, the current of a group of lamps before and after aging are 0.56A, smaller than the engineering parameter 0.59A;

The final conclusion of test:

According to the above test data analysis, SP-F620 drive has no abnormality after 7 days of high temperature aging (75°C), but the current parameters need to be re-adjusted by engineering;